

ROOFTOP PHOTOVOLTAIC SYSTEM SOLUTION

PVSTAR
Innovative energy solutions expert

CHINT PVSTAR Energy Solution GmbH

Germany:

Adresse

Stralauer Platz 33-34, 10243 Berlin, Germany

Email

market@pvstar.com

Site web

www.chintpvstar.com

Switzerland:

Adresse

Ch. du bois de l'Hôpital 3, 1052 Le Mont/ Lausanne

Email

info@swisstarpv.com

Site web

www.swisstarpv.com



A CHINT COMPANY

PVSTAR
Innovative energy solutions expert

PVSTAR is the world's leading rooftop photovoltaic company under the Chint Group, with a registered capital of 2 million euros. SWISSTAR PV is the exclusive partner of PVSTAR in Switzerland, a member of Swissolar. We provide one-stop rooftop photovoltaic solutions with customized services and products. Application scenarios include residential, commercial, balcony and other rooftop scenarios. Adopting full life cycle management technology, we are committed to becoming a global leader in intelligent, one-stop photovoltaic energy solutions.

As the world's leading rooftop photovoltaic company, PVSTAR is committed to promoting renewable energy development and accelerating the world's early achievement of carbon neutrality. PVSTAR adheres to the concept of "worry-free service" and provides customers with a full range of services, including pre-sales, sales, and after-sales, to ensure that customers' rooftop photovoltaic systems can operate stably in the long term. We adhere to the business philosophy of "creating value for customers" and work with customers to create a better future. PVSTAR will continue to work hard to provide customers with better products and services and promote renewable energy development.



CHINT Anneng

Founded in 2015, CHINT Anneng is a rooftop PV company under the CHINT Group, with a registered capital of 300 million CHF. CHINT Anneng focusing on providing the end-users with all-in-one solutions, including rooftop PV systems co-development, purchase and leasing, covering the full range of design, installation and after-sales operation and maintenance. Up to now, CHINT Anneng's end-users has exceeded 1 million, with a market share of over 30%.



Our Vision

Committed to being a high-tech, light asset, platform based, service-oriented, and digitized world-leading comprehensive energy solutions provider to customer



Our Mission

Bring the world to green faster



Business Philosophy

Create value for customers as well as seeking promotion for employees and taking responsibility for society

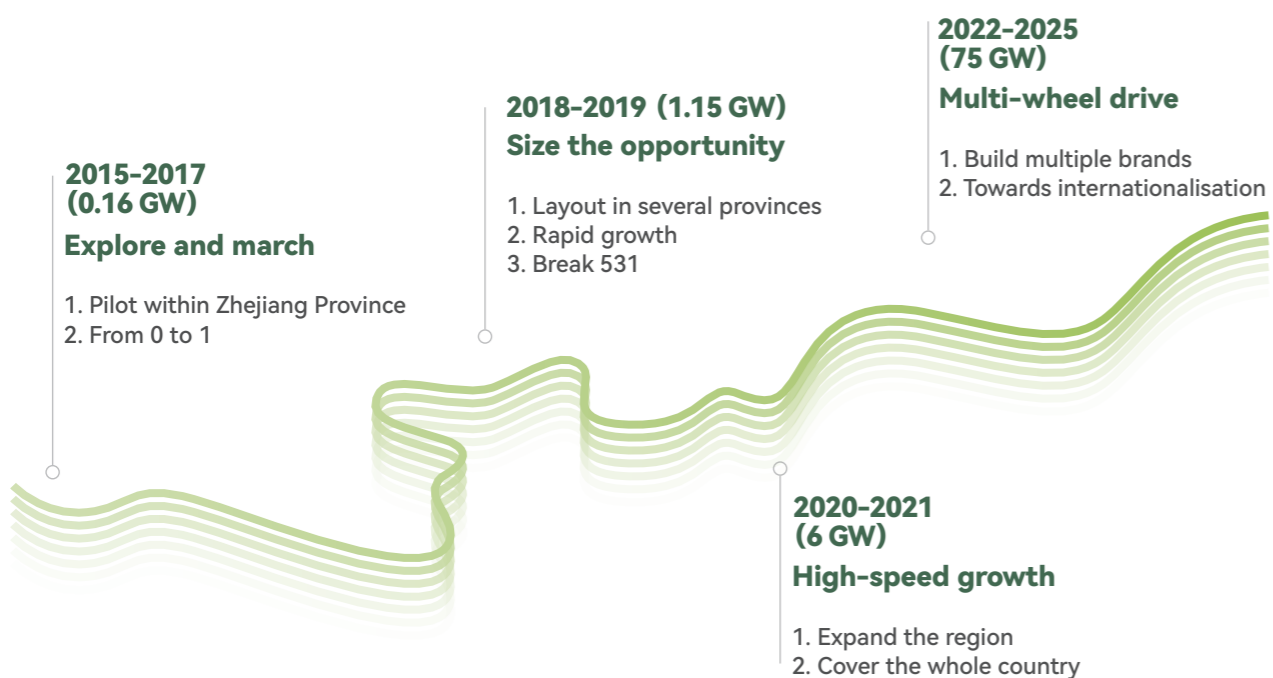


Core Values

Customer-centered, market-oriented, innovation-driven, striver-based, integrity-guided

Company History

Important milestones from 2015 to 2025



Anneng in Numbers

Dedicated to bringing more green power to the world.

Power generation



24
Billion kWh

Global residential PV



1
Million



30%
Market share

Employees: **2,200.**

Business Scope

Electricity:



CHINT Group

Global strategic layout:

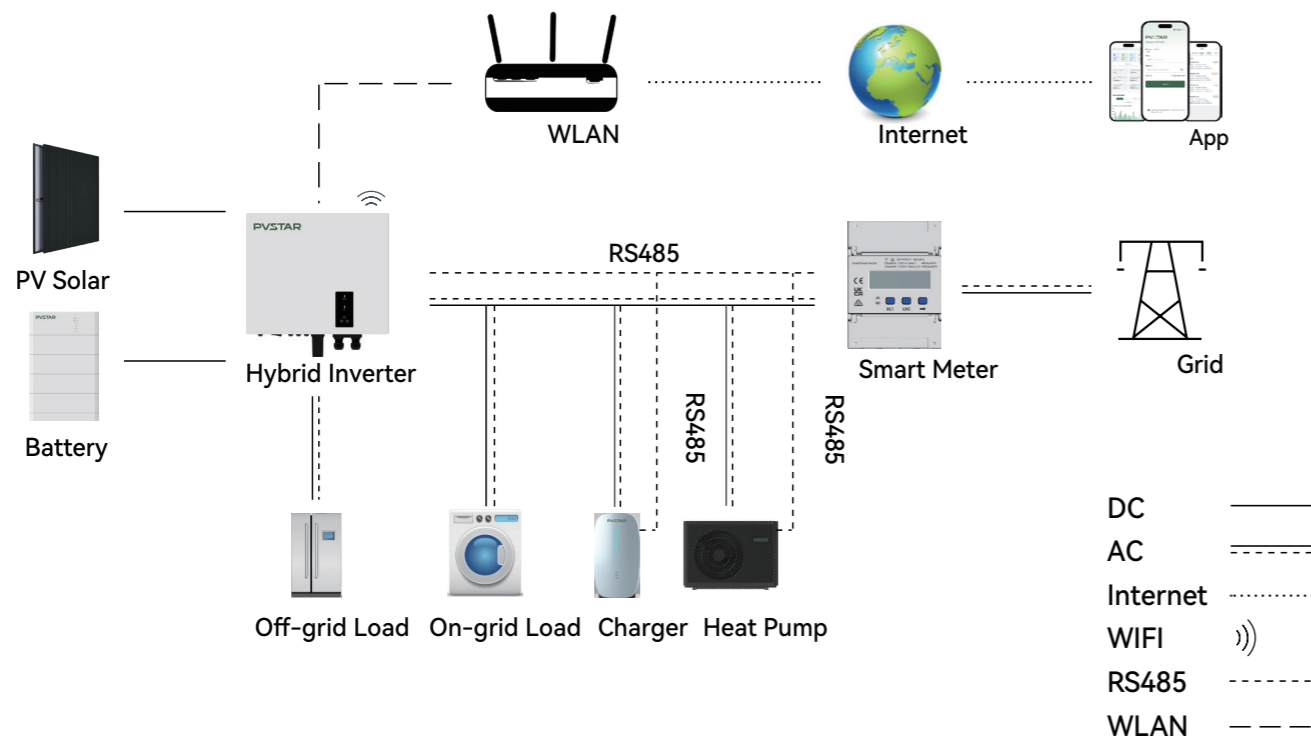
global marketing centre + global research center + global production center + global logistics centre, etc;



Energy Solution

One-Stop PV System Solution

- Design Support
- Business Management Support
- 0 stock & lifetime quality guarantee
- Operation & Management (O&M) Service
- Learning Centre
- PVSTAR Cloud



Partners



Standard



PVSTAR Home

Residential Optical Storage and Charging System Solution (Examples)

Product Name	Diagram	Single-phase System				Three-phase System									
		5kW+10kWh	6kW+10kWh	5kW+10kWh	8kW+10kWh	10kW+15kWh	12kW+15kWh	12kW+20kWh							
		Specifications and models	QTY	Specifications and models	QTY	Specifications and models	QTY	Specifications and models	QTY	Specifications and models	QTY	Specifications and models	QTY		
PV Modules		P/N,420W All Black	14	P/N,420W All Black	16	P/N,420W All Black	14	P/N,420W All Black	22	P/N,420W All Black	28	P/N,420W All Black	34	P/N,420W All Black	34
Hybrid Inverter		2MPPT 5kW-1PH	1	2MPPT 6kW-1PH	1	2MPPT 5kW-3PH	1	2MPPT 8kW-3PH	1	2MPPT 10kW-3PH	1	2MPPT 12kW-3PH	1	2MPPT 12kW-3PH	1
Battery Storage		LV 10kWh*1	1	LV 10kWh*1	1	HV 2.56kWh*4	1	HV 2.56kWh*4	1	HV 2.56kWh*6	1	HV 2.56kWh*6	1	HV 2.56kWh*8	1
AC Charging		7kW Single Phase	1	7kW Single Phase	1	11/22kW Three Phase	1	11/22kW Three Phase	1	11/22kW Three Phase	1	11/22kW Three Phase	1	11/22kW Three Phase	1
Heat Pump		Configure the product according to the actual situation													
PV Bracket		Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1	Flat/Inclined roof bracket system	1

For more info: Please contact us by Email or our Website

Solar Module + Battery Pack + Inverter(Micro Inverter) + V2G Charger(coming soon) Collector + Optimizer + Intelligent Power Sensor + RSD + Bracket + Cable + Cloud Platform + SmartApp

PV Module

- All Black modules;
- Single module area < 2m²;
- N Type;

RSD

- Safety above rooftop with module-level rapid shutdown;
- 2-in-1 design, comfortable installation;
- MTTP & Data monitoring, more power generation, easier maintenance;

Mountings

- AL6005-T5, professional customized design;
- High-strength aluminium alloy material to ensure stability and strength;
- 10-year product warranty, 25-year service-life guarantee;

Inverter

- Multi-band hybrid inverter;
- 97% efficiency;
- Multiple MPPT link optimiser;

Smart App

- OneApp for smart home and energy management.

Heatpump

- High Efficiency A+++ Energy Level;
- R290 Refrigerant, recognized as a refrigerant with the most development potential in the industry;
- Noise Reduction Technology;
- Full DC Inverter Technology;

EV Charger

- Single/three phase electric vehicle charger;
- 7kW, 11kW, 22kW;
- 2-stage charging;

Li-ion battery system

- stackable design;
- Safe and efficient;

CHSM54N(BL)-HC Monofacial Series(182)

Output Power:415~430Watt

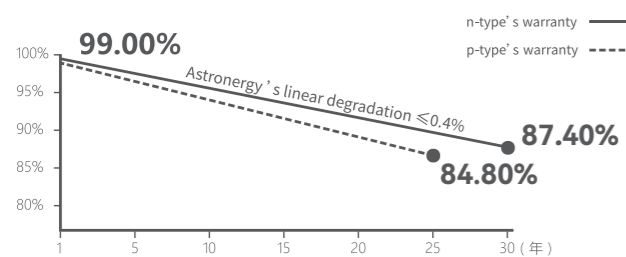
Type:N-Type(TOPCon)
Multi-busbar/Half-cut Non-destructive cutting/PID resistance
Lower BOS cost & LCOE

Features

- Multi-master grid technology: Higher product power output and reliability
- PID Anti-PID: PID caused degradation by optimization of production technology and material control
- Adaptability in severe environments: High salt mist and ammonia resistance
- Load capacity: Wind load up to 2400 Pa, heavy snow load up to 5400 Pa
- Safe & reliable: Low working temperature and high-pressure resistance
- Eco-friendly: No fluorine and low lead for environment protection

Warranty

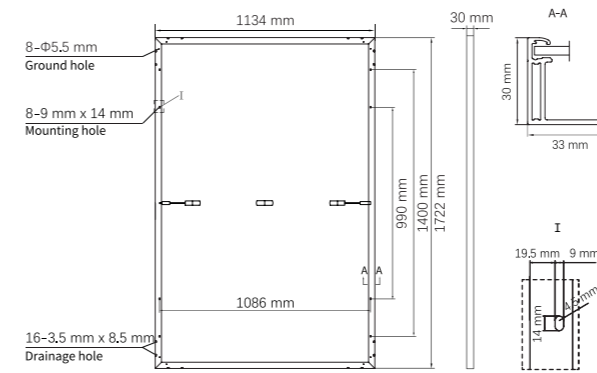
- 12-year product warranty
- 30-year linear output power warranty
- 30-year annual power degradation ≤0.4%(except 1st year)



Linear Degradation Curve

Certifications

- IEC 61215(2016), IEC 61730(2016)
- ISO 9001: 2015: Quality Management System
- ISO 14001: 2015: Environment Management System
- IOS 45001: 2018: Occupational Health and Safety
- IEC/TS 62941: Quality system for PV module manufacturing



Packing Standard	
Packing	Weight/Module:21.3kg
	Pallet:36pcs/box (Subject to sales contract)
	Weight of packing unit (for 40'HQ container):811kg
	Modules per 40'HQ container:936pcs

Electrical Specifications

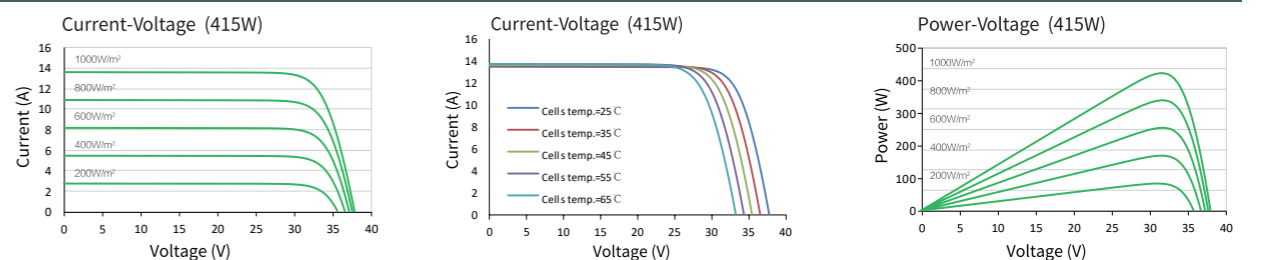
Module	CHSM54N(BL/H)HC-415		CHSM54N(BL/H)HC-420		CHSM54N(BL/H)HC-425		CHSM54N(BL/H)HC-430	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Max. Power(Pmax)	415.0	312.1	420.0	315.8	425.0	319.6	430.0	323.4
Rated voltage(Vmp)	31.76	29.90	31.93	30.06	32.10	30.21	32.27	30.37
Rated current(Imp)	13.06	10.44	13.15	10.51	13.24	10.58	13.33	10.65
Open circuit voltage(Voc)	37.80	35.91	38.00	36.10	38.20	36.29	38.40	36.48
Short-circuit current(Isc)	13.76	11.11	13.87	11.20	13.98	11.28	14.09	11.37
Module efficiency(%)	21.30		21.50		21.80		22.00	
Max. system voltage(IEC/UL)	1000Vdc/1500Vdc							
Max. series fuse rating(A)	25A							
Power tolerance	0~+3%							
Temperature factor of max. power	-0.29%/°C							
Temperature factor of open circuit voltage	+0.043%/°C							
Temperature factor of short-circuit current	-0.25%/°C							
No. of diodes	3							
Nominal module operating temperature(NMOT)	41±2°C							

"STC:Irradiance 1000W/m2,Cell Temperature 25°C,AM=1.5;
NMOT:Irradiance 800W/m2,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s."

Mechanical Specifications

Outer dimensions(LxWxH)	1722x1134x30mm
Cell type	N-type Mono-crystalline
Number of cells	108 (6*18)
Frame technology	Aluminum,black anodized
Front glass thickness	3.2mm
Cable length(IEC/UL)	Portrait:(+)350mm,(-)250mm;Customized length
Cable diameter(IEC/UL)	4 mm ² /12 AWG
Max mechanical test load	5400Pa(front)/2400Pa(back)
Connector type(IEC/UL)	HCB40/MC4-EVO2(optional)

Curve



For more info:Please contact us by Email or our Website

CHSM72N(DG)/F-BH Bifacial Series(182)

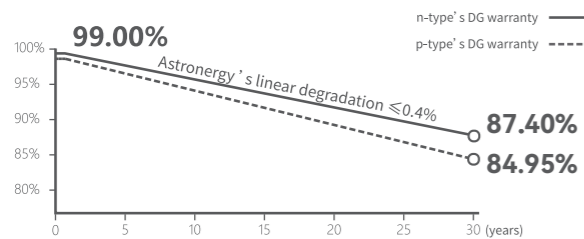
Output Power:570~595Watt
 Type:N-Type(TOPCon)/Half-cut,
 Non-destructive cutting/PID resistance
 Lower BOS cost & LCOE

Features

- Multi-master grid technology:** Higher product power output and reliability
- PID:** Anti-PID: PID caused degradation by optimization of production technology and material control
- Adaptability in severe environments:** High salt mist and ammonia resistance
- Load capacity:** Wind load up to 2400 Pa, heavy snow load up to 5400 Pa
- Safe & reliable:** Low working temperature and high-pressure resistance
- Eco-friendly:** No fluorine and low lead for environment protection

Warranty

- 15-year product warranty
- 30-year linear output power warranty
- 30-year annual power degradation ≤0.4%(except 1st year)



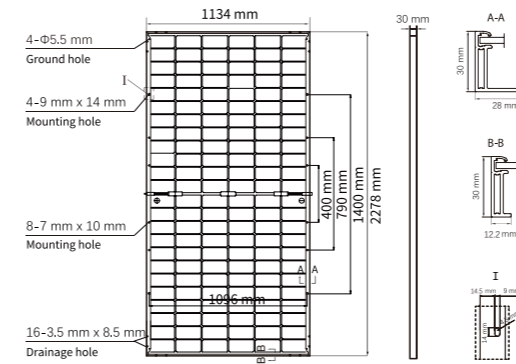
Linear Degradation Curve

Certifications

- IEC 61215(2016), IEC 61730(2016)
- ISO 9001: 2015: Quality Management System
- ISO 14001: 2015: Environment Management System
- IOS 45001: 2018: Occupational Health and Safety

TOP PERFORMER member of group
PVELkiwa
 Tier 1 BloombergNEF
 Underwritten by International Insurer

UL LISTED, CCC, CE



Packing Standard	
Packing	Weight/Module:32.1kg
	Pallet:36pcs/box (Subject to sales contract)
	Weight of packing unit (for 40'HQ container):1207kg
	Modules per 40'HQ container:648pcs

Electrical Specifications

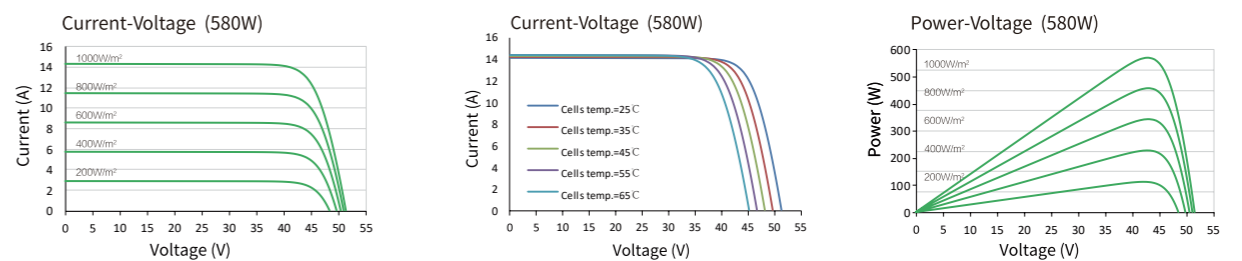
Module	CHSM72N (DG)/F-BH-570		CHSM72N (DG)/F-BH-575		CHSM72N (DG)/F-BH-580		CHSM72N (DG)/F-BH-585		CHSM72N (DG)/F-BH-590		CHSM72N (DG)/F-BH-595	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Max. Power(Pmax)	570.0	428.6	575.0	432.4	580.0	436.2	585.0	439.9	590.0	443.7	595.0	447.4
Rated voltage(Vmp)	42.77	40.26	42.94	40.42	43.11	40.59	43.27	40.73	43.45	40.89	43.61	41.06
Rated current(Imp)	13.33	10.65	13.39	10.70	13.45	10.75	13.52	10.80	13.58	10.85	13.64	10.90
Open circuit voltage(Voc)	50.90	48.35	51.10	48.54	51.30	48.73	51.50	48.92	51.70	49.11	51.90	49.30
Short-circuit current(Isc)	14.10	11.39	14.19	11.46	14.28	11.53	14.36	11.59	14.45	11.66	14.53	11.73
Module efficiency(%)	22.10		22.30		22.50		22.60		22.80		23.00	
Max. system voltage(IEC/UL)	DC 1500V											
Max. series fuse rating(A)	30A											
Power tolerance	0~+3%											
Temperature factor of max. power	-0.29%/°C											
Temperature factor of open circuit voltage	+0.043%/°C											
Temperature factor of short-circuit current	-0.25%/°C											
No. of diodes	3											
Nominal module operating temperature(NMOT)	41±2°C											

"STC:Irradiance 1000W/m2,Cell Temperature 25°C,AM=1.5;
 NMOT:Irradiance 800W/m2,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s."

Mechanical Specifications

Outer dimensions(LxWxH)	2278x1134x30mm
Cell type	N-type Mono-crystalline
Number of cells	144(6*24)
Frame technology	Aluminum,silver anodized
Front/Back glass thickness	2.0+2.0mm
Cable length(IEC/UL)	Portrait:(+)350mm,(-)250mm;Customized length
Cable diameter(IEC/UL)	4mm ² /12AWG
Max mechanical test load	5400Pa(front)/2400Pa(back)
Connector type(IEC/UL)	HCB40(Standard)/MC4-EVO2A(Optional)

Curve



For more info:Please contact us by Email or our Website



PVS-A03k~06k-SL2M-EU

Output Power:
3000, 3680, 4000, 5000, 6000W

Name:
Single-Phase Hybrid Inverter



Features

☉ Easy-to-install

- Quick & easy-to-install with basic tools.
- Quick setup and commissioning with PVSTAR Apps.
- Compact wall mount design.

☉ Reliable

- Smart energy management.
- UPS capability-power during blackouts.
- IP66 rated design for outdoor use.

☉ User-friendly

- User friendly App interface.
- Online monitoring via Wi-Fi and PVSTAR Apps.
- Easy to connect-battery and smart meter interface.

Certifications

- EN 50549-1, EN 61000-6-x, IEC 62109-1/2
IEC 62116, IEC 61727, IEC 61683



Model	PVS-A03k-SL2M-EU	PVS-A3.68k-SL2M-EU	PVS-A04k-SL2M-EU	PVS-A05k-SL2M-EU	PVS-A06k-SL2M-EU
DC input					
Max. PV input power	5500Wp	6180Wp	6500Wp	7500Wp	9000Wp
Max. PV input voltage	550V				
MPPT voltage range/Rated input voltage	40V~530V/380V				
Min. input voltage/Start-up voltage	40V/50V				
No. of MPPTs/No. of PV strings per MPPT	2/1				
Max. input current per MPPT	16A				
Max. short-circuit current per MPPT	20A				
Battery input					
Nominal battery voltage	48V				
Battery voltage range	40V~60V				
Max. charging/Discharging power	5000W/5000W				
Max. charging/Discharging current	100A/100A				
Battery type	LiFePO4				
Compatible Battery	PVS-LB Series				
AC output					
Voltage range/Rated AC voltage	180V~280V/230V				
Rated grid frequency	50Hz/60Hz				
AC Grid frequency range	45~55Hz/55~65Hz				
Rated active power	3000W	3680W	4000W	5000W*1	6000W
Rated apparent power	3000VA	3680VA	4000VA	5000VA*1	6000VA
Max. apparent power	3000VA	3680VA	4000VA	5000VA*1	6000VA
Rated grid output current(@ 230V)	13.1A	16A	17.4A	21.7A*2	26.1A
Max. grid output current	13.6A	16A	18.2A	22.7A*2	27.3A
THDi(@ Nominal power)	< 3%				
AC input					
Rated grid voltage	a.c.230V				
Rated grid frequency	50Hz/60Hz				
Rated apparent power	6000VA				
Max. input apparent power from grid	6000VA				
Rated input current from grid	a.c.26.1A				
Max. input current from grid	a.c.27.3A				
AC output(EPS)					
Nominal output voltage	a.c.230V				
Nominal output frequency	50Hz/60Hz				
Rated apparent power	5500VA				
Max. output apparent power	5500VA				
Peak output apparent power, time	7500VA, 10s				
Rated current(@230 V)	21.7A				
Max. output current	21.7A				
Max. switch time	≤10ms				
Output THDi(@Linear load)	< 3%				
Efficiency					
MPPT efficiency	99.9%				
European efficiency/Max. efficiency	97.0%/97.6%				
Max. battery to load efficiency	94.70%				
Safety protection					
DC-side disconnection device	●				
PV string-/Battery input reverse polarity protection	●/●				
All-pole sensitive residual current monitoring unit	●				
Anti-islanding protection	●				
Ground fault protection	●				
AC output over current/Short circuit current protection	●/●				
AC over voltage protection	●				
Protection class(IEC 62109-1)/Overvoltage category(IEC 62109-1)	I/AC:III;DC:II				
General data					
Power factor at rated power/Adjustable displacement	≥0.99/0.8 leading to 0.8 lagging				
Dimensions(W/H/D)	494mm/420mm/195mm				
Device weight	21.5kg				
Operating temperature range	-25°C~+60°C				
Noise emissions(Typical)	30dB(A)				
Standby consumption	< 10W				
Cooling concept	Natural Convection				
Degree of protection(As per IEC 60592)	IP66				
Climatic category(According to IEC 60721-3-4)	4K4H				
Max. permissible value for relative humidity(Non-condensing)	100%				
Max. operating altitude	4000m(> 3000m power derating)				
Features					
User interface	LED & APP				
Communication with BMS	RS485/CAN				
Communication with smart meter	RS485				
Communication with portal	WIFI Stick				
Other communication	DRM				
Integrated power control/Zero export control	● / ●				
● Standard features/○ Optional features/-not available					

*1 For VDE-AR-N4105, Smax=Sn=4600VA, Pn=4600W

*2 For AS/NZS4777.2, Iac max=21.7A

*All specifications are subject to change without notice.
*For more info: Please contact us by Email or our Website.



PVS-A05k~12k-TH2M-EU

Output Power:
5/6/8/10/12kW

Name:
Three-Phase Hybrid Inverter



Features

☉ Easy-to-install

- Quick & easy-to-install with basic tools.
- Battery and smart meter interface.
- Compact Wall-Mounted design.

☉ High reliability

- Supports 150% capacity ratio.
- Supports 100% three-phase unbalanced AC output.
- Real uninterruptible power supply, switching time < 10 ms.
- IP66 rated design for outdoor use.

☉ User-friendly

- Quick setup and commissioning with PVSTAR Apps.
- Support a variety of application scenarios and operating modes, including depth of discharge, time of use and power settings.
- The maximum input current of 20A is perfectly suitable for high-power and bifacial modules such as 210/182.

Certifications

- EN 50549-1, EN 61000-6-x, IEC 62109-1/2
IEC 62116, IEC 61727, IEC 61683, IEC 60068



Model	PVS-A05k-TH2M-EU	PVS-A06k-TH2M-EU	PVS-A08k-TH2M-EU	PVS-A10k-TH2M-EU	PVS-A12k-TH2M-EU
DC input					
Recommended Max. PV input power	7500Wp	9000Wp	12000Wp	15000Wp	18000Wp
Max. PV input voltage	1100V				
MPPT voltage range/Rated input voltage	150V~950V/600V		200V~950V/600V		
Min. input voltage/Start-up voltage	60V/180V				
No. of MPPTs/No. of PV strings per MPPT	2/1				
Max. input current per MPPT	20A				
Max. short-circuit current per MPPT	30A				
Battery input					
Battery voltage range	120V~600V				
Max. charging/discharging power	5000W	6000W	8000W	10000W	12000W
Max. charging/discharging current	30A				
Battery type	LiFePO4				
AC output					
Voltage range/Rated AC voltage	270V~480V,3L/N/PE,220/380V;230/400V;240/415V				
Rated grid frequency	50Hz/60Hz				
Grid frequency range	45~55Hz/55~65Hz				
Rated apparent power	5000VA	6000VA	8000VA	10000VA	12000VA
Max. apparent power	5000VA	6000VA	8000VA	10000VA	12000VA
Rated grid output current(@400V)	7.3A	8.7A	11.6A	14.5A	17.4A
Max. grid output current(@400V)	8.0A	9.6A	12.8A	16.0A	19.2A
THDi(@Rated power)	< 3%				
AC input					
Rated grid voltage	3L/N/PE,220/380V;230/400V;240/415V				
Rated grid frequency	50Hz/60Hz				
Max. AC input power	10000W	12000W	16000W	20000W	24000W
Max. AC input current	14.5A	17.4A	23.2A	29.0A	34.8A
AC output(EPS)					
Rated output voltage	3L/N/PE,220/380V;230/400V;240/415V				
Rated output frequency	50Hz/60Hz				
Rated apparent power	5000VA	6000VA	8000VA	10000VA	12000VA
Peak output apparent power, time	2 times the rated power,10S				
Rated current(@400V)	7.3A	8.7A	11.6A	14.5A	17.4A
Switching time	< 10ms				
THDv(@ Line power)	2%				
Efficiency					
MPPT efficiency	99.9%				
European efficiency/Max. efficiency	97.2%/98.0%	97.5%/98.2%		97.9%/98.4%	
Protection					
Surge protection(Type II,according to EN/IEC 61643-11)	●				
Insulation resistance detection	●				
PV input reverse polarity protection	●				
Battery input reverse polarity protection	●				
Ground fault monitoring	●				
Residual current detection	●				
AC short circuit protection	●				
Anti-islanding Protection	●				
General data					
Power factor/Adjustable range	1 default(adjustable+/-0.8)				
Dimensions(W/H/D)	545mm/465mm/205mm				
Weight	24.5kg				
Operating temperature range	-25°C~+60°C				
Cooling mode	Natural				
Degree of protection(According to IEC 60592)	IP66				
Max. permissible value for relative humidity	100%				
Max. operating altitude	4000m				
Features					
User interface	LED&APP				
Communication with BMS	CAN				
Communication with smart meter	RS485				
Cloud platform monitoring mode	Wi-Fi/LAN				
Dry contact output/quantity	●/2				
Dry contact input/quantity	●/4				
Integrated power control/Zero export control	●/●				
● Standard / ○ Matching / - Not Available					

*All specifications are subject to change without notice.
*For more info:Please contact us by Email or our Website.



PVS-A08k~12k-TH3M-EU

Output Power:
8/10/12kW

Name:
Three-Phase Hybrid Inverter



Features

☉ Easy-to-install

- Quick & easy-to-install with basic tools.
- Battery and smart meter interface.
- Compact Wall-Mounted design.

☉ High reliability

- Supports 150% capacity ratio.
- Supports 100% three-phase unbalanced AC output.
- Real uninterruptible power supply, switching time < 10 ms.
- IP66 rated design for outdoor use.

☉ User-friendly

- Quick setup and commissioning with PVSTAR Apps.
- Support a variety of application scenarios and operating modes, including depth of discharge, time of use and power settings.
- The maximum input current of 16A is perfectly suitable for high-power and bifacial modules such as 210/182.

Certifications

- EN 50549-1, EN 61000-6-x, IEC 62109-1/2
IEC 62116, IEC 61727, IEC 61683, IEC 60068



Model	PVS-A08k-TH3M-EU	PVS-A10k-TH3M-EU	PVS-A12k-TH3M-EU
DC input			
Recommended Max. PV input power	12000Wp	15000Wp	18000Wp
Max. PV input voltage		1100V	
MPPT voltage range/Rated input voltage		200V~950V/600V	
Min. input voltage/Start-up voltage		60V/180V	
No. of MPPTs/No. of PV strings per MPPT		3/1	
Max. input current per MPPT		16A	
Max. short-circuit current per MPPT		24A	
Battery input			
Battery voltage range		120V~600V	
Max. charging/discharging power	8000W	10000W	12000W
Max. charging/discharging current		30A	
Battery type		LiFePO4	
AC output			
Voltage range/Rated AC voltage		270V~480V,3L/N/PE,220/380V;230/400V;240/415V	
Rated grid frequency		50Hz/60Hz	
Grid frequency range		45~55Hz/55~65Hz	
Rated apparent power	8000VA	10000VA	12000VA
Max. apparent power	8000VA	10000VA	12000VA
Rated grid output current(@400V)	11.6A	14.5A	17.4A
Max. grid output current(@400V)	12.8A	16.0A	19.2A
THDi(@Rated power)		< 3%	
AC input			
Rated grid voltage		3L/N/PE,220/380V;230/400V;240/415V	
Rated grid frequency		50Hz/60Hz	
Max. AC input power	16000W	20000W	24000W
Max. AC input current	23.2A	29.0A	34.8A
AC output(EPS)			
Rated output voltage		3L/N/PE,220/380V;230/400V;240/415V	
Rated output frequency		50Hz/60Hz	
Rated apparent power	8000VA	10000VA	12000VA
Peak output apparent power, time		2 times the rated power,10S	
Rated current(@400V)	11.6A	14.5A	17.4A
Switching time		< 10ms	
THDv(@ Line power)		2%	
Efficiency			
MPPT efficiency		99.9%	
European efficiency/Max. efficiency	97.2%/98.0%	97.9%/98.4%	97.9%/98.4%
Protection			
Surge protection(Type II, according to EN/IEC 61643-11)		●	
Insulation resistance detection		●	
PV input reverse polarity protection		●	
Battery input reverse polarity protection		●	
Ground fault monitoring		●	
Residual current detection		●	
AC short circuit protection		●	
Anti-islanding Protection		●	
General data			
Power factor/Adjustable range		1 default(adjustable+/-0.8)	
Dimensions(W/H/D)		545mm/465mm/205mm	
Weight		26.0kg	
Operating temperature range		-25°C~+60°C	
Cooling mode		Natural	
Degree of protection(According to IEC 60529)		IP66	
Max. permissible value for relative humidity		100%	
Max. operating altitude		4000m	
Features			
User interface		LED&APP	
Communication with BMS		CAN	
Communication with smart meter		RS485	
Cloud platform monitoring mode		Wi-Fi/LAN	
Dry contact output/quantity		●/2	
Dry contact input/quantity		●/4	
Integrated power control/Zero export control		●/●	
Standard/○ Matching-/Not Available			

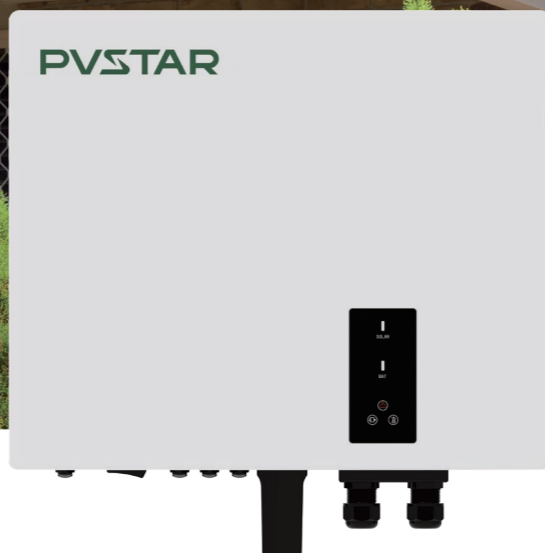
*All specifications are subject to change without notice.
*For more info:Please contact us by Email or our Website.



PVS-A30k~110k-TGxM-EU

Output Power:
30/50/60/80/100/110kW

Name:
Three-Phase On-Grid Inverter



Features

☉ Safe-and-Reliable

- TYPE II Surge Protection for DC & AC.
- IP66 rated design for outdoor use.
- Fuse free design.

☉ High Yields

- Shade solar shadow management.
- 32A input current each MPPT, ideal for bifacial and large area PV modules.
- 10MPPT's for flexible PV array design for higher yields.

☉ User-friendly

- Support 7*24H monitoring.
- Quick setup and commissioning with PVSTAR Apps.
- String-level Management.

Certifications

- EN 50549-1, EN 61000-6-x, IEC 62109-1/2, IEC 62116, IEC 61727, IEC 61683, IEC 60068



Model	PVS-A30k-TG8M-EU	PVS-A50k-TG8M-EU	PVS-A60k-TG8M-EU	PVS-A80k-TG8M-EU	PVS-A100k-TG10M-EU	PVS-A110k-TG10M-EU
DC input						
Recommended Max. PV input power	45000Wp	75000Wp	90000Wp	120000Wp	150000Wp	165000Wp
Max. PV input voltage	1100V					
MPPT voltage range/Rated input voltage	200V~1000V/630V					
Min. input voltage	200V					
No. of MPPTs/No. of PV strings per MPPT	3/2	5/2	5/2	8/2	10/2	10/2
Max. input current per MPPT	26A	40/32/32/40/32A		32A		
Max. short-circuit current per MPPT	40A	60/48/48/60/48A		48A		
AC output						
AC voltage range	312~528V					
AC nominal voltage	220/380V; 230/400V					
AC grid frequency/range	50Hz/45Hz~55Hz; 60Hz/55Hz~65Hz					
Rated active power	30000W	50000W	60000W	80000W	100000W	110000W
Max. apparent power	30000VA	50000VA	60000VA	80000VA	100000VA	110000VA
Max. grid output current	50.0A	80.0A	95.3A	127.0A	158.8A	174.7A
Adjustable power factor range	0.8 leading to 0.8 lagging					
Feed-in phases	3/3-N-PE					
THDi(@Rated power)	< 3%					
Efficiency & Protection						
European efficiency	98.30%			98.40%		
Max. efficiency	98.6%					
DC switch	●					
Ground fault monitoring/grid monitoring	●/●					
DC reverse polarity protection/AC short circuit protection	●/●					
AC overcurrent protection	●					
DC surge protection	●					
AC surge protection	●					
Residual current Monitoring Unit	●					
Arc fault circuit interrupter (AFCI)	○					
Anti-islanding Protection	●					
Protection class (according to IEC 62109-1) / overvoltage category (according to IEC 62109-1)	I/AC: III; DC: II					
General data						
Dimensions(W/H/D)	670/580/270mm	670mm/640mm/270mm		984mm/640mm/330mm		
Weight	42.0kg	43.0kg		86.0kg		
Operating temperature range	-25°C~+60°C					
Cooling concept	Active cooling					
Degree of protection(According to IEC 60592)	IP66					
Max. operating altitude	3000m					4000m
Max. permissible value for relative humidity(non-condensing)	100%					
Self-consumption (at night)	< 1W			< 3W		
Topology	Non-isolated					
Features						
DC connector	DC Plug-in connector					
AC connector	OT connector	OT/DT connector		OT/DT Terminal (Max.240mm2)		
Mounting type	Wall-mount bracket					
LED indicators (Status / Fault / Communication)	●					
Communication interface (RS485 / WiFi / 4G / LAN)	●/●/○/○					
Certificates and approvals (more available on request)	CE, IEC 62109-1/2, IEC 61727, IEC 62116, IEC61683, EN50549-1/2					
	● Standard/○ Optional					

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HMS-800~1000-2T

Output Power:
800/900/1000 W

Name:
2-in-1 Single-Phase Micro-inverter

Features

- High-powered 2-in-1 microinverter with output power up to 1000 VA
- VDE-AR-N 4105 Standard, reactive power compensation
- Safety above rooftop with module-level rapid shutdown
- MTTP & Data monitoring, more power generation, easier maintenance
- 2-in-1 design, comfortable installation
- Sub-1G wireless solution allows stable communication with PVSTAR gateway DTU

Certifications



Model	HMS-800-2T	HMS-900-2T	HMS-1000-2T
DC input (PV)			
Adapted module power (W)	320~540+	360~600+	400~670+
Max. input voltage (V)		65 V	
MPPT operating voltage range (V)		16~60 V	
Start-up voltage (V)		22 V	
Max. input current (A)	2x14 A	2x15 A	2x16 A
Max. input short circuit current (A)		2x25 A	
Number of MPPTs		2	
Max. input number per MPPT		1	
AC output (on-grid)			
Rated output power	800 W	900 W	1000 W
Rated output current (A)	3.48 A	3.91 A	4.35 A
Nominal output voltage/range (V)[1]	230/180~275 V	230/180~275 V	230/180~275 V
Nominal frequency/range (Hz)[1]		50/45~55 Hz	
Power factor (adjustable)		> 0.99 default, 0.8 leading...0.8 lagging	
Total harmonic distortion		< 3%	
Max. units per branch (10AWG)[2]	9	8	7
Max. units per branch (12AWG)[2]	5	5	4
Efficiency			
CEC peak efficiency	96.70%	96.50%	
MPPT efficiency		99.80%	
Night power consumption (mW)		< 50	
Mechanical Data			
Operating temperature range		-40°C~+65°C	
Dimensions (W × H × D mm)		261x180x35.1 mm	
Weight (kg)		3.2 kg	
Protection Class		IP67 (outdoor)	
Cooling		Natural convection-No fans	
Protection Feature			
Anti-islanding protection, DC reverse polarity protection, AC short-circuit protection, AC over-current protection, over-voltage protection, 6000 V surge protection			
General Specification			
Active power regulation, reactive power regulation, high voltage ride-through (optional), low voltage ride-through (optional), high frequency transformer isolation			
Others			
Communication		Sub-1G	
Type of isolation		Galvanically Isolated HF Transformer	
Monitoring		Taichi Cloud	
Compliance		EN 50549-1: 2019, VDE-AR-N 4105: 2018, VFR2019, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3	

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- Rated voltage/frequency range can be changed according to local requirements.
- Please refer to local requirements for exact number of microinverters per branch.



HMT-1600~2000-4T

Output Power:
1600/1800/2000 W

Name:
2-in-1 Three-Phase Micro-inverter

Features

- Three-phase output, wider scope of application
- Safety above rooftop with rapid shutdown and high frequency isolated transformer
- Max output power 2000VA, suitable for 182 mm/210 mm modules
- 4-in-1 design for faster installation with less cost
- Sub-1G wireless solution ensures stable communication in all environments

Certifications



Model	HMT-1600-4T	HMT-1800-4T	HMT-2000-4T
DC input (PV)			
Adapted module power	320~540+	360~600+	400~670+
Max input voltage		65 V	
MPPT operating voltage range		16~60 V	
Start-up voltage		22/60 V	
Max. input current	4x14 A	4x15 A	4x16 A
Max. input short circuit current		4x25 A	
Number of MPPTs		2	
Max. input number per MPPT		2	
AC output (on-grid)			
Rated output power	1600 W	1800 W	2000 W
Rated output current (A)	2.32x3	2.61x3	2.90x3
Nominal output voltage/range (V)[1]		230/400, 3 W+N+PE	
Nominal frequency/range (Hz)[1]		50 Hz	
Power factor (adjustable)		> 0.99 default	
Total harmonic distortion		< 3%	
Max. units per branch(10AWG)[2]	13	7	6
Max. units per branch(12AWG)[2]	8	12	11
Efficiency			
CEC peak efficiency		96.50%	
MPPT efficiency		99.80%	
Night power consumption (mW)		<50	
Mechanical Data			
Operating temperature range		-40°C~+65°C	
Storage temperature range		-40°C~+85°C	
Dimension (W × H × D mm)		326x222x40.6 mm	
Weight (kg)		5.9 kg	
Protection Class		IP67 (outdoor)	
Cooling		Natural convection-No fans	
Others			
Communication		Sub-1G	
Type of isolation		Galvanically Isolated HF Transformer	
Monitoring		Taichi Cloud	
Compliance		VDE-AR-N 4105: 2018, EN 50549-1:2019, VFR 2019, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3	

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- Rated voltage/frequency range can be changed according to local requirements.
- Please refer to local requirements for exact number of microinverters per branch.



PVS-LB 5k/10k Pro

Battery Capacity:
5.12kWh/10.24kWh

Name:
Low-voltage lithium battery pack

Features

☉ Easy-to-install

- Lithium iron phosphate safety cell technology.
- All-round protection by BMS.

☉ High reliability

- IP65 protection level, support outdoor use.
- The industry's top battery cells.

☉ User-friendly

- Multi-mode settings are compatible with more user usage scenarios.
- Online monitoring through the PVSTAR Apps.

Certifications

- IEC 62619, IEC EN 61000-6-x, IEC 62040, UN38.3



Model	PVS-LB 5k-Pro	PVS-LB 10k-Pro
System parameters		
Battery type	LiFePO4	
Battery module	PVS-BESS16100LFP-A-L	
NO. of power module	1	1
Rated capacity	5.12kWh	10.24kWh
Rated battery voltage	51.2V	
Battery voltage range	44.8V~58.4V	
Max. charging/discharging power	3.07kW/5.12kW	6.14kW/6.14kW
General parameters		
Dimensions(W/D/H)	460mm/165mm/652mm	550mm/165mm/867mm
Battery system weight	57kg	116kg
Installation location	Indoor/Outdoor	
Installation	Floor Stand/Wall Mounted	
Operating temperature range	"Charging:0°C~55°C Discharging:-20°C~55°C"	
Storage temperature range	-20°C~55°C	
Cooling concept	Natural	
Degree of protection	IP65	
Relative humidity	5%~95%,No condensation	
Max. operating altitude	3000m	
Scalability	Up to 32 groups in parallel	Up to 16 groups in parallel
Communication	CAN/RS485/Wifi/Dry contact	
Certification&Standard	TUV/IEC 62619/IEC 62040/IEC 61000/UN38.3	
No. of cycles	6000 Cycles	

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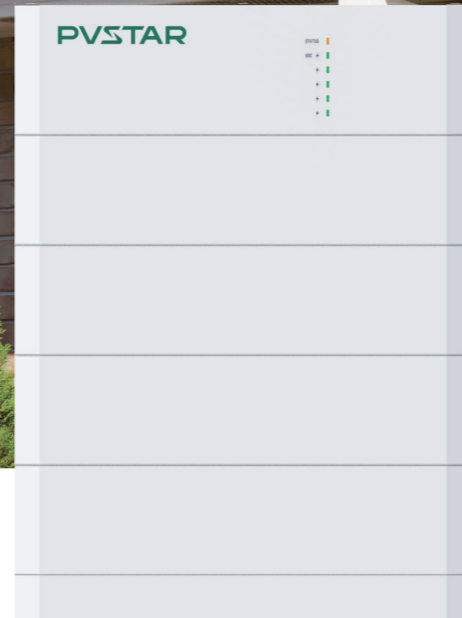
PVS-BESS-A7.68k~A20.48kTH1

Battery Capacity:

7.68kWh/10.24kWh/12.80kWh/15.36kWh/17.92kWh/
20.48kWh;

Name:

High-voltage lithium battery pack



Features

☉ Easy-to-install

- Module mating design.
- Quick connection between battery and inverter.
- Quick and easy installation with basic tools.
- Stable, anti-tipping design.

☉ High reliability

- IP65 protection rating.
- Cell-level monitoring.
- Lithium iron phosphate safety cell technology.
- BMS all-round protection.

☉ User-friendly

- Stackable and expandable up to 81.92kWh(8 modules in a single system, 4 systems in parallel).
- It supports a variety of application scenarios: self-consumption, peak shaving, peak-to-valley arbitrage, etc.
- Online monitoring through the PVSTAR Apps.

Certifications

- IEC 62619, IEC EN 61000-6-x, IEC 62040, UN38.3
IEC 63056



Model	PVS-HB 075A	PVS-HB 100A	PVS-HB 125A	PVS-HB 150A	PVS-HB 175A	PVS-HB 200A
System Parameters						
Battery module	PVS-BESS-HB051050A					
Battery type	LiFePO4					
NO. of power module	3	4	5	6	7	8
Total capacity 1	7.68kWh	10.24kWh	12.80kWh	15.36kWh	17.92kWh	20.48kWh
Usable capacity 2	6.91kWh	9.21kWh	11.52kWh	13.82kWh	16.12kWh	18.43kWh
Rated voltage	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Operating voltage	120.0V~175.2V	160.0V~233.6V	200.0V~292.0V	240.0V~350.4V	280.0V~408.8V	320.0V~467.2V
Max. input current	25A					
Max. output current	30A					
General parameters						
Dimensions(W/D/H)	540*390*600mm	540*390*730mm	540*390*860mm	540*390*990mm	540*390*1120mm	540*390*1250mm
Module weight	35.0kg					
Battery system weight	106.5kg	137kg	167.5kg	198kg	228.5kg	259kg
Installation location	Indoor/Outdoor					
Installation	Floor Stand(Stack)					
Operating temperature range	Charging:0°C~50°C/Discharging:-20°C~50°C					
Storage temperature range	-20°C~45°C					
Cooling concept	Natural					
Degree of protection	IP65					
Relative humidity	5~95 %,No condensation					
Communication	CAN					
Certifications&Standards	IEC 62619/IEC 62040/IEC 61000/UN38.3					
No. of cycles	6000 Cycles					

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- Definition of rated power condition: Battery voltage 2.5~3.65V, 0.5C charge and discharge at +25°C.
- Definition of the available power condition: 90%DOD, 0.5C charge and discharge at +25°C.
- The available energy may vary depending on discharge, charging, environmental conditions, and residential-defined SOC limits.
- The number of cycles condition is defined: 80%DOD, 0.2C charge and discharge at +25°C."

Balcony photovoltaic Solutions

The product is composed of high-efficiency module, micro-inverters, photovoltaic brackets and corresponding accessories and cables, which can be installed on empty and scattered plots such as balconies and fences for household use, breaking the traditional solar panel installation mode, and achieving advantages such as more energy, easier installation, lower cost and higher protection.

Convenience

Product kits are shipped as a separate package, in compliance with - shipping standards to prevent breakage. Different types of AC socket options, in line with the national standard AC end cable plus smart socket table, can connect the system directly to the grid.

High Efficiency

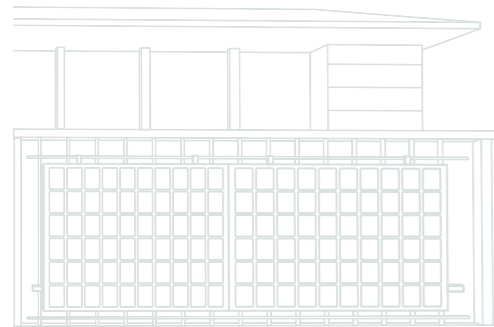
The product uses high-efficiency module technology and micro-inverters to realize MPPT power tracking at the module level and ensure the maximum power generation efficiency of the system

Security

The micro-inverter configured in the system has the functions of circuit-breakers and optimizer to realize the monitoring of the running status of a single module and ensure the safety of the system, and is configured with functions as anti-island protection, short-circuit protection and overvoltage protection.

Intelligence

The product is equipped with an integrated data collector, which enables users to log in to the cloud platform on the mobile phone or computer to view data such as system running status and power generation.



Topological diagram

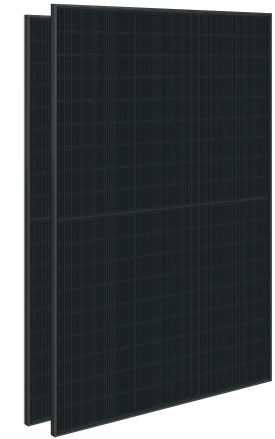


Product Features



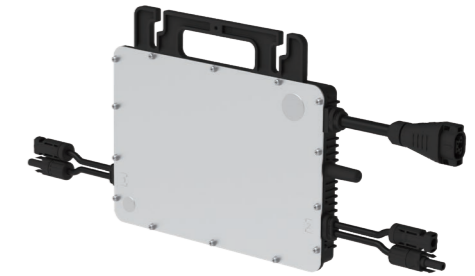
Equipment specifications: Solar modules

Rated peak power	420W
Rated peak voltage	31.93V
Rated peak current	13.15A
Open circuit voltage	38V
Short-circuit current	13.87A
module dimensions (L x W x H)	1722x1134x30mm
Cell	N-type monocrystalline silicon
Number of cells	108 (6*18)
module weight	21.3 kg
Module total area efficiency	22.50%



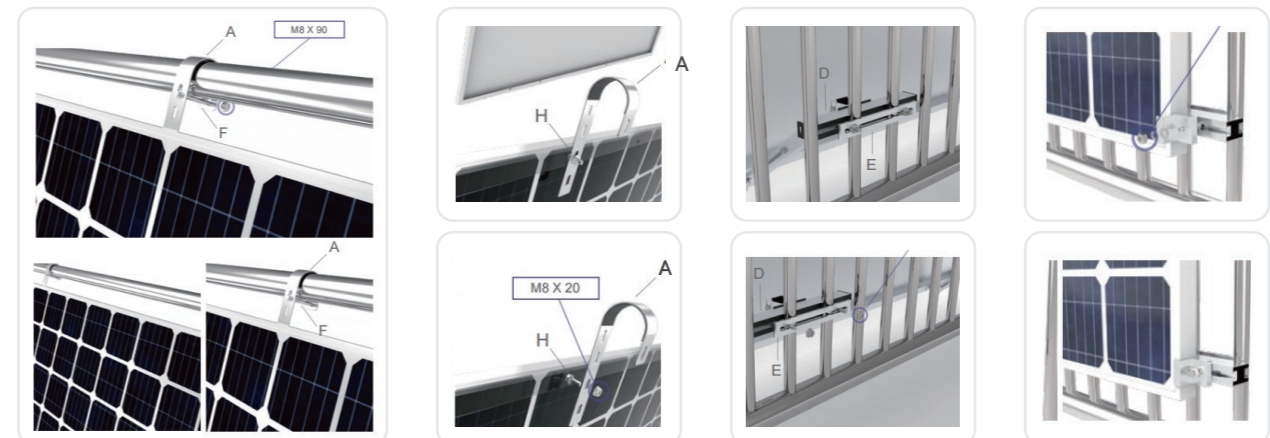
Equipment specifications: Micro inverter

Micro inverter	800w
Number of connectors to enter MC4	2set
MPPT voltage range	16V-60V
Operating voltage range	22V-60V
Maximum input voltage	50V
Starting voltage	22V
Standard output voltage/range	230V/180V-275V
Rated output current	3.48A
Maximum input current	14A*2
Rated output frequency/frequency range	50Hz/45Hz-55Hz
Weight	3.2KG
Waterproof rating	IP67
Network connection	Built-in Wi-Fi
Dimensions (W*H*D)	261x180x35.1mm



Application scenario

Application scenario: the installation method of fixing hooks on balcony railing is as follows, and the installation Angle is 0°.





PVS-U Series



Stable Running Ambient



DTU



Colorful Touch Display



Energy Level



ASA Material



KEYMARK



MCS



SG Ready



R290 Refrigerant

To reduce carbon emission to the environment and curb global warming, PVSTAR develops R290 air to water heat pump - GreenTherm Series. With many advantages such as low carbon emission and high efficiency, R290 refrigerant is recognized as a refrigerant with the most development potential in the industry, which contributes to the reduction of carbon emission and help achieve the global goal of carbon neutrality.

High Efficiency A+++ Energy Level

GreenTherm Series Air to Water Heat Pump is specially developed with the most cutting-edge heat pump technology and modern design to meet stringent requirements for efficiency, stability and quietness. Not only does GreenTherm Series use R290 green gas and inverter EVI technology, but also is rated with A+++ energy label under 35°C water outlet. With top energy rating A+++ , the unit is energy efficient and can greatly reduce energy bills for users.

Model	PVS-20U	PVS-30U	PVS-40U	PVS-40SU	PVS-60U	PVS-60SU
Power Supply	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz	380~415V/50Hz	220~240V/50Hz	380~415V/50Hz
Heating Condition-Ambient Temp.(DB/WB):7/6°C,Water Temp.(In/Out):30/50°C						
Nominal Capacity	6kW	8kW	10kW	10kW	17kW	17kW
Heating Capacity Range	1.80~9.75kW	2.40~12.30kW	4.56~14.59kW	4.56~14.45kW	5.30~22.30kW	6.10~22.30kW
Heating Power Input Range	0.49~2.08kW	0.68~3.10kW	1.20~3.86kW	1.19~3.78kW	1.75~5.50kW	1.28~5.50kW
Heating Condition-Ambient Temp.(DB/WB):7/6°C,Water Temp.(In/Out):50/55°C						
Nominal Capacity	5.5kW	7.5kW	9.3kW	9.3kW	17kW	17kW
Heating Capacity Range	2.25~8.54kW	3.00~11.20kW	3.62~13.04kW	3.61~12.91kW	6.09~21.70kW	6.08~21.89kW
Heating Power Input Range	0.93~3.09kW	1.25~4.06kW	1.45~5.31kW	1.44~5.21kW	2.43~7.89kW	2.42~7.89kW
Cooling Condition-Ambient Temp.(DB/WB):35/24°C,Water Temp.(In/Out):23/18°C						
Cooling Capacity Range	2.10~9.40kW	4.80~11.00kW	4.16~13.50kW	4.16~13.50kW	3.20~22.00kW	5.84~21.22kW
Cooling Power Input Range	0.50~2.80kW	0.88~4.00kW	1.48~4.82kW	1.50~4.87kW	1.30~8.10kW	2.36~8.11kW
Cooling Condition-Ambient Temp.(DB/WB):35/24°C,Water Temp.(In/Out):12/07°C						
Cooling Capacity Range	1.60~6.89kW	2.2~9.10kW	3.11~10.47kW	3.12~10.47kW	3.90~17.10kW	4.52~17.20kW
Cooling Power Input Range	0.60~2.64kW	0.92~4.20kW	1.34~4.45kW	1.35~4.46kW	1.80~7.58kW	1.73~7.63kW
Max. Power Input	3.90kW	5.10kW	6.30kW	6.30kW	8.52kW	9.10kW
Max. Current Input	17.0A	22.0A	30.0A	12.2A	36.1A	16.1A
Refrigerant Type	R290					
Refrigerant Volume	0.75kg	0.80kg	0.98kg	0.98kg	1.40kg	1.40kg
Sound Pressure(1m)	45dB(A)	46dB(A)	46dB(A)	46dB(A)	48dB(A)	48dB(A)
Sound Power Level(EN12102)	60dB	61dB	60dB	60dB	67dB	67dB
Net Weigh	105kg	120kg	145kg	159kg	205kg	220kg
Unit Dimension(L/W/H)	1167*407*795mm	1167*407*795mm	1287*458*928mm	1287*458*928mm	1250*540*1330mm	1250*540*1330mm
Shipping Dimension(L/W/H)	1300*485*940mm	1300*485*940mm	1420*540*1080mm	1420*540*1080mm	1380*570*1480mm	1380*570*1480mm
Compressor	HIGHLY					
Circulation Pump	Yes					
Operating Ambient Temperature	-25~43°C					
Fan Quantity	1	1	1	1	2	2
Fan Motor Type	DC motor					
Water Connection(inch)	1	1	1	1	1	1
Rated Water Flow	1.03m ³ /h	1.38m ³ /h	1.70m ³ /h	1.70m ³ /h	2.90m ³ /h	2.90m ³ /h
Water Pressure Drop @Rated Water Flow	15kPa	15kPa	20kPa	20kPa	40kPa	40kPa
Circulation Pump Head @Rated Water Flow	7.5m	6.8m	5.6m	5.6m	10.5m	10.5m
Cabinet Type	Galvanized sheet+ABS	Galvanized sheet+ABS	Galvanized sheet+ABS	Galvanized sheet+ABS	Galvanized sheet+ABS	Galvanized sheet+ABS

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PVS-AC7.4k-S-S;PVS-AC11k/22k-T-S

Output Power:
7.4kW/11kW/22kW

Name:
AC charger for electric vehicles

Features

☉ Reliable and safe

- Integrated with 6mA DC fault current detection.
- IP65 protection suitable for both indoor and outdoor usage.

☉ Smart management

- Automatic phase-switching to optimize solar surplus.
- Capable for load management and balancing to prevent overload*.
- Beyond charging-maximum usage of solar energy together with PVSTAR Hybrid Inverter**.

☉ Flexible application

- Applicable for OCPP communication.
- Different charging modes to fit all needs***.
- Adaptable access control with RFID-Cards.
- Control and visualization via App.

☉ User Friendly

- Fast installation with Poke-Yoke connector.
- Integrated with MID meter.

Certifications

- IEC 61851-1/22, IEC 62196-1, IEC 62955, IEC 60068-2

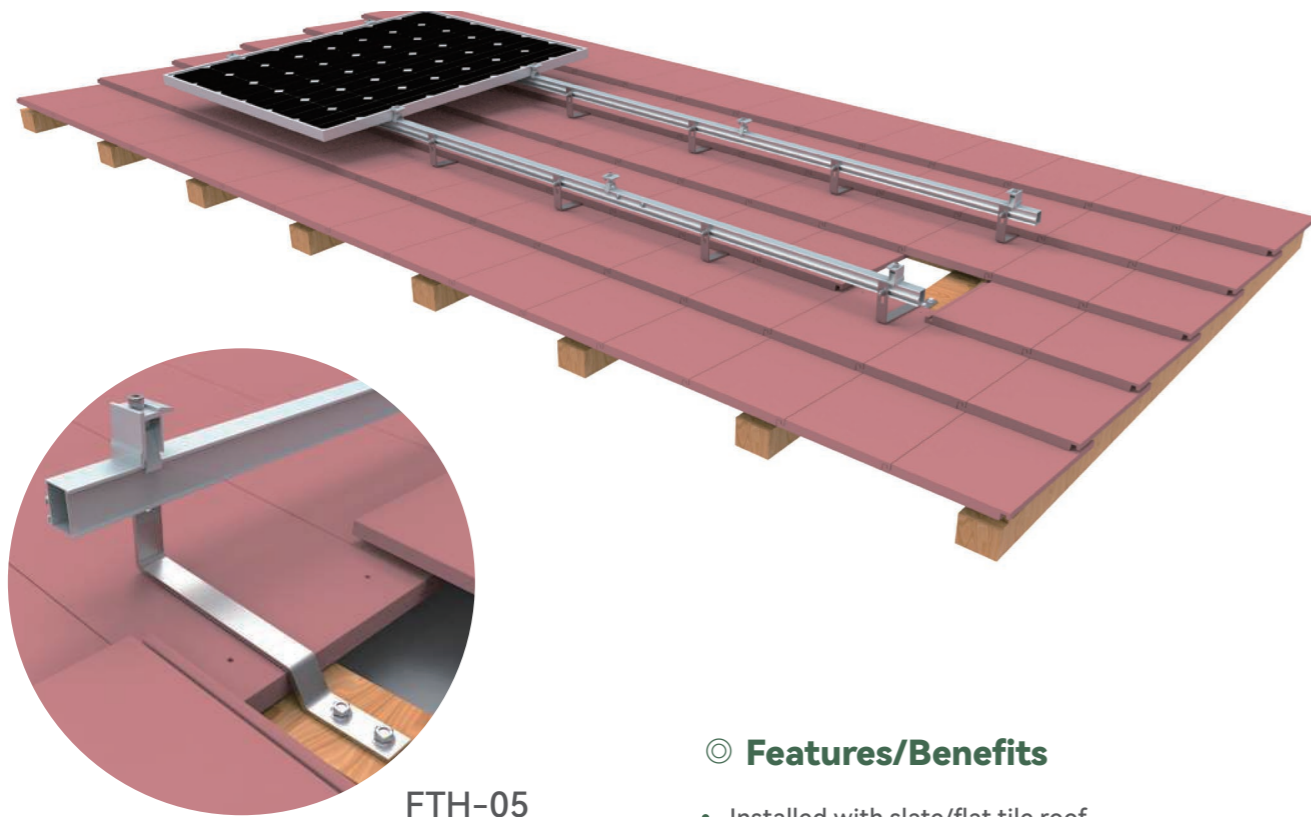


Model	PVS-AC7.4k-S-S	PVS-AC11k-T-S	PVS-AC22k-T-S
AC Input/Output			
Nominal grid voltage	1P/N/PE,230Vac	3P/N/PE,400Vac	3P/N/PE,400Vac
Nominal grid frequency	50Hz/60Hz		
Grid frequency range	47Hz~63Hz		
Nominal charging power	7.4kW	11kW	22kW
Nominal charging voltage	230V	400V	
Max.charging current	32A	16A	32A
Protection & Function			
Integrated DC fault current detection	Yes,DC6mA		
Overload protection	Yes		
Over-temperature protection	Yes		
Flame retardant protection	Yes		
Surge protection	AC Type II		
Grounding system	TT/TN		
Metering	Yes,integrated with MID meter		
ALM(Adaptative load management)	Yes		
Automatic phase switching	Yes		
Communication			
Display	LED indicator and App		
Authentication	Plug & Play/RFID-card		
Charging mode	Eco charging/Fast Charging/Time charging/Customized charging		
Communication interface	"RS485(to inverter/meter)WLAN/Ethernet/4G(to cloud)"		
Communication protocol	OCPP		
General Dat			
Dimensions(W/H/D)	214*346*125mm		
Installation method	Wall-mounting or Pole-mounting*		
Degree of protection	IP65		
Operating temperature range	-30°C~50°C		
Relative humidity	5%~90%(Non-condensing)		
Cooling method	Natural convection		
Max. operating altitude	3000m		
Standby self-consumption	< 6.5W		
Compliance	IEC 61851-1/22,IEC 62196-1,IEC 62955,IEC 60068-2		

*All specifications are subject to change without notice.
*For more info:Please contact us by Email or our Website.

- Additional smart meter required.

Flat Tile Mount



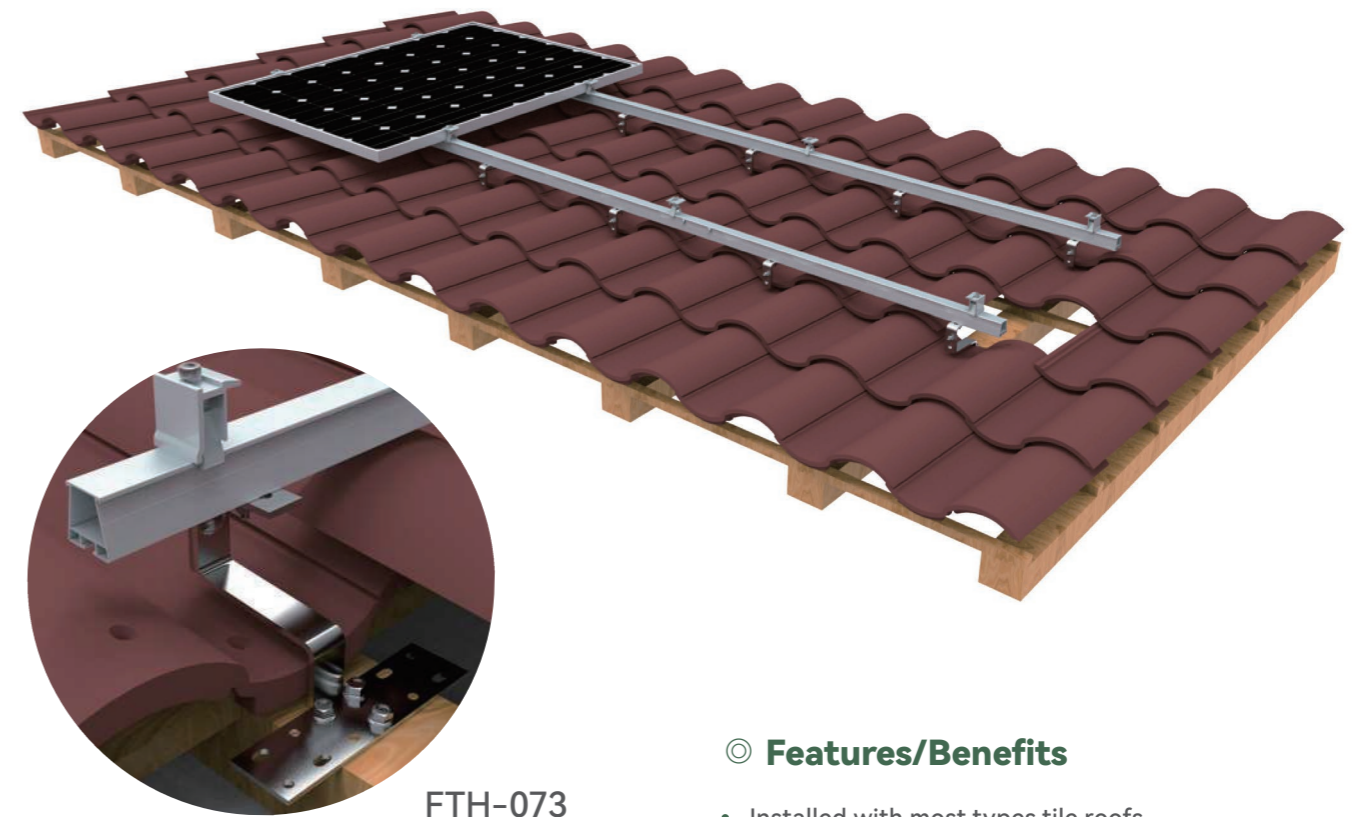
FTH-05



© Features/Benefits

- Installed with slate/flat tile roof
- Portrait & Landscape orientation
- Pre-assembled
- Made of SUS 304/AL6005-T5
- Height adjustable
- Easy installation

Crown Mount



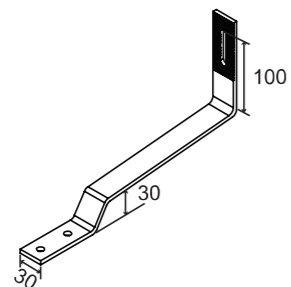
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© Features/Benefits

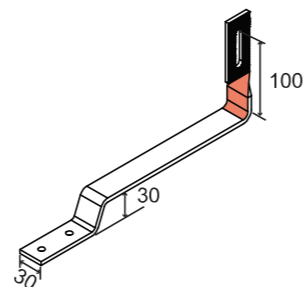
- Installed with most types tile roofs
- Portrait & Landscape orientation
- Pre assembled
- Made of SUS 304/AL6005-T5
- Height adjustable
- Easy installation
- Firmly bottom fixing

Portrait orientation



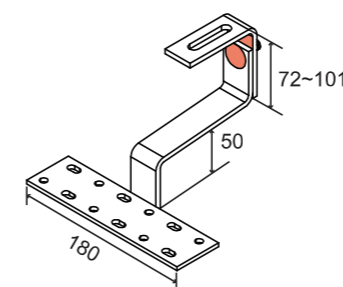
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Landscape orientation



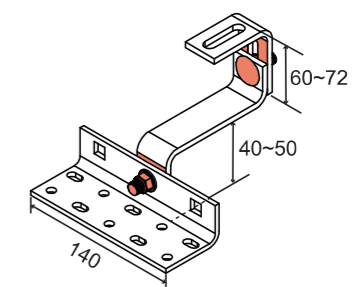
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Height adjustable over tile



FTH-073

Height adjustable from bottom

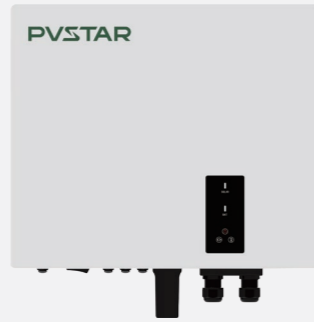


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Monitor System



Series Monitor

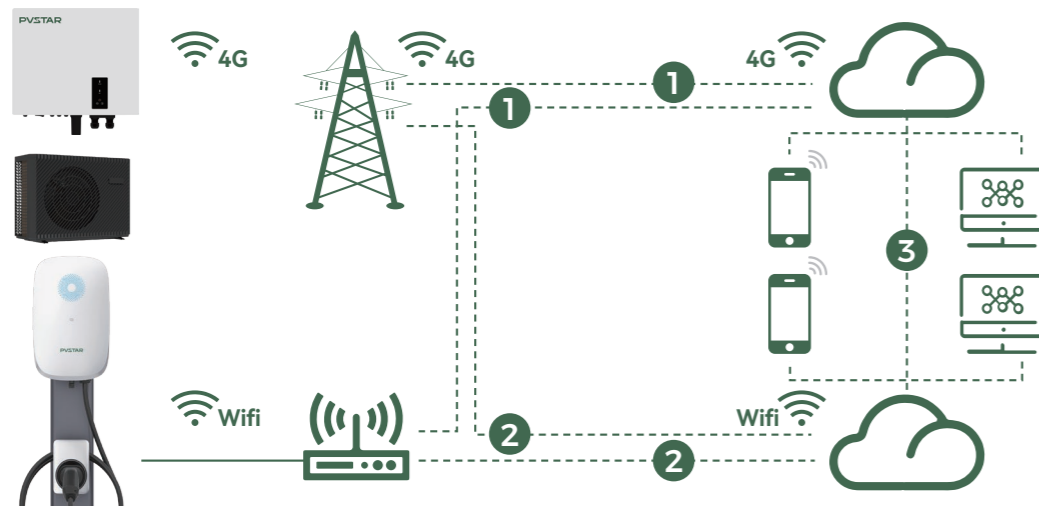


Installation Guide

PV Monitor System

The monitor system provides long-term and effective monitor of PV power generation by collecting and recording the working status and power generation of inverters. The module transmits the data to the remote server through network.

Users can check the data anytime anywhere through the online monitor platform, mobile App etc., which greatly reduces the cost of monitor and ensures the efficient and stable operation of PV systems.



Excellent O&M – Smart cloud

Monitor System



Remote monitor of PV systems

- Monitor of PV systems' data
- Smart maintenance
- Calculation of increment
-

Safe installation management

- Security monitor
- Behaviors analysis
- Smart monitor
-

Other Innovative Service Systems

- Smart charging**
- Low-carbon for our future
 - Our exploration of PV storage & charging

